

CLAIMS

1. A peroral preparation for prevention or treatment of atopic dermatitis comprising hydroxyproline or N-acylated derivative of hydroxyproline or a salt thereof.

2. The peroral preparation according to claim 1, wherein it comprises 0.1 to 90% by weight of hydroxyproline or N-acylated derivative of hydroxyproline or a salt thereof.

3. The peroral preparation according to claim 1 or 2, wherein the acyl group of N-acylated derivative of hydroxyproline is an acyl group having 1 to 24 carbon atoms.

4. The peroral preparation according to any one of claims 1 to 3, wherein the N-acylated derivative of hydroxyproline is N-acetylated derivative, N-propionylated derivative, N-butyrylated derivative or isobutyrylated derivative.

5. Food and drink or feed for prevention or treatment of atopic dermatitis comprising hydroxyproline or N-acylated derivative of hydroxyproline or a salt thereof.

6. The food and drink or feed according to claim 5, wherein it comprises 0.1 to 90% by weight of hydroxyproline or N-acylated derivative of hydroxyproline or a salt thereof.

7. The food and drink or feed according to claim 5 or 6, wherein the acyl group of N-acylated derivative of hydroxyproline is an acyl group having 1 to 24 carbon atoms.

8. The food and drink or feed according to any one of claims 5 to 7, wherein the N-acylated derivative of

hydroxyproline is N-acetylated derivative, N-propionylated derivative, N-butyrylated derivative or isobutyrylated derivative.

9. Food additive or feed additive for prevention or treatment of atopic dermatitis comprising hydroxyproline or N-acylated derivative of hydroxyproline or a salt thereof.

10. The food additive or feed additive according to claim 9, wherein it comprises 0.1 to 90% by weight of hydroxyproline or N-acylated derivative of hydroxyproline or a salt thereof.

11. The food additive or feed additive according to the claim 9 or 10, wherein the acyl group of N-acylated derivative of hydroxyproline is an acyl group having 1 to 24 carbon atoms.

12. The food additive or feed additive according to any one of claims 9 to 11, wherein the N-acylated derivative of hydroxyproline is N-acetylated derivative, N-propionylated derivative, N-butyrylated derivative or isobutyrylated derivative.

13. A method of preventing or treating atopic dermatitis, which comprises orally administering or ingesting hydroxyproline or N-acylated derivative of hydroxyproline or a salt thereof in an effective amount.

14. Use of hydroxyproline or N-acylated derivative of hydroxyproline or a salt thereof for the manufacture of peroral preparation, food, feed, food additive or feed additive for prevention or treatment of atopic dermatitis.